



Maryland Department of Agriculture

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Office of Resource Conservation

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LPELC Webinar

January 15, 2010

Post-Program Quiz for NM CEUs

Complete this quiz with the information you learn from the Webinar presentations.

You must answer all the items correctly and submit this form to MDA to earn **1 Maryland Nutrient Management continuing education credit**. Be sure to print your answers clearly. You must also include your printed name and the number as shown on your Maryland NM certificate or applicator voucher, your signature, date completed and your contact information.

Mail completed form to: **MDA Nutrient Management Program, 50 Truman Pkwy #207, Annapolis MD 21401**, no later than 5 business days after you view the program. Keep a copy for your records.

Manure Nutrients, Cover Crops, and Slurry Seeding

1. What percentage N leaching reduction has been found in Maryland research with rye cover crops? _____
2. About 14% of the N load in the Mississippi River basin is attributed to this agricultural source. _____
3. List two nutrient-related advantages to using cover crops. _____
4. Did the presence of a cover crop increase the need for N at corn sidedress time? _____
5. Did use of a cover crop reduce the corn yield? _____
6. What is a disadvantage of manure slurry-seeding into an existing stand of forage? _____
7. As temperature increased, how did $\text{NH}_4\text{-N}$ loss from surface application of swine slurry change? _____
8. List two environmental advantages manure slurry-seeding could give to cover crop seeding. _____

I certify that I have viewed this program and am entitled to receive continuing education credits toward renewal of my Maryland Nutrient Management certification or voucher. I understand this form may not be copied or distributed to persons who did not participate in the program, and that online presentations for viewing may be withdrawn without notice, and quizzes submitted after that time will not be accepted for NM CEUs.

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| <i>Printed Name</i> | <i>Signature</i> |
| <i>Date</i> | <i>NM Certificate or Applicator Voucher Number</i> |
| <i>Daytime phone</i> | <i>Email</i> |